

Figure 1A

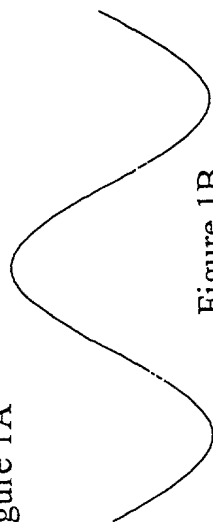


Figure 1B

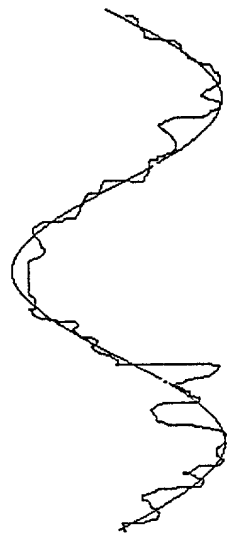


Figure 1C

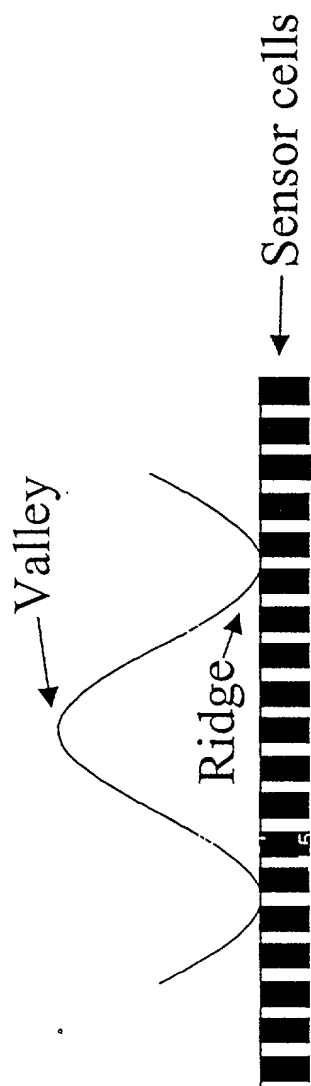


Figure 1D



Figure 1E

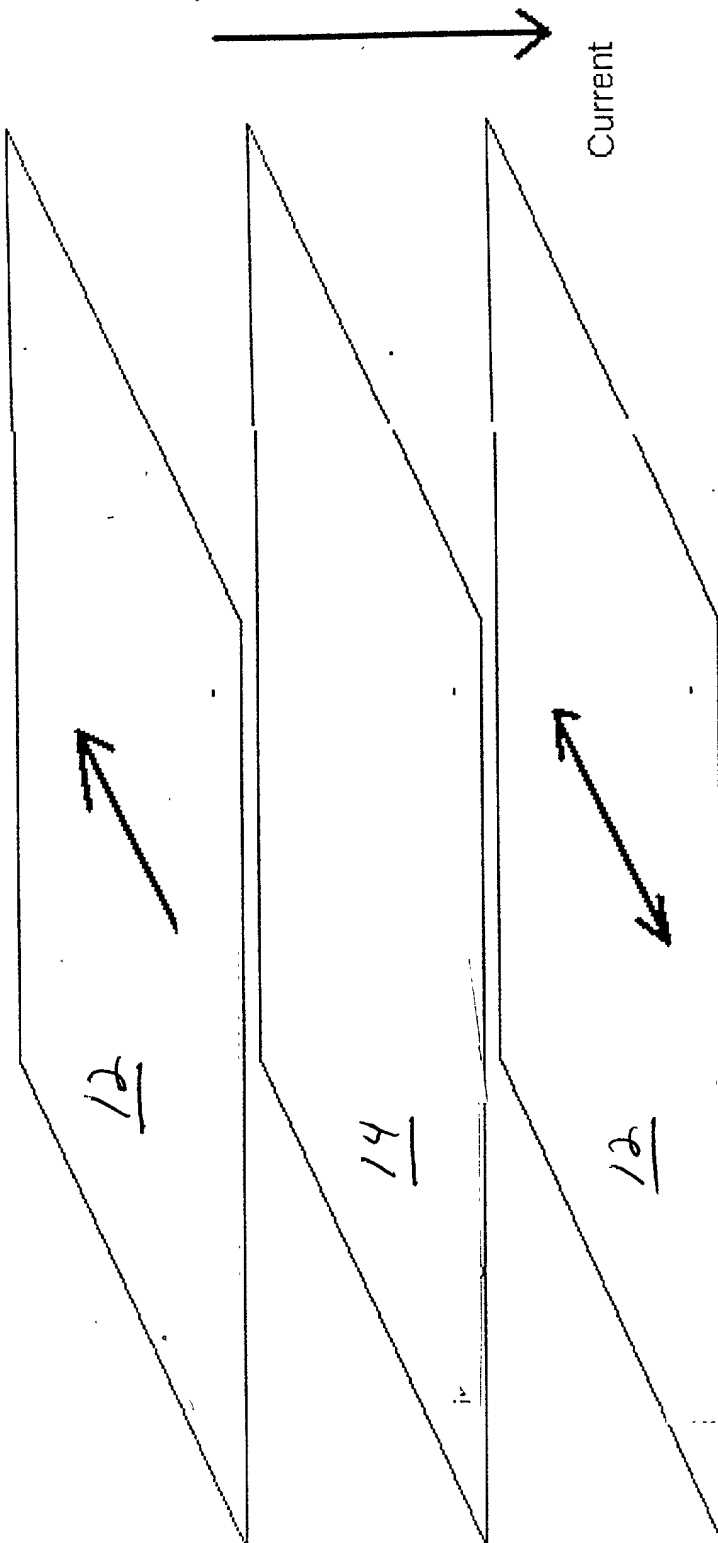


Fig 2

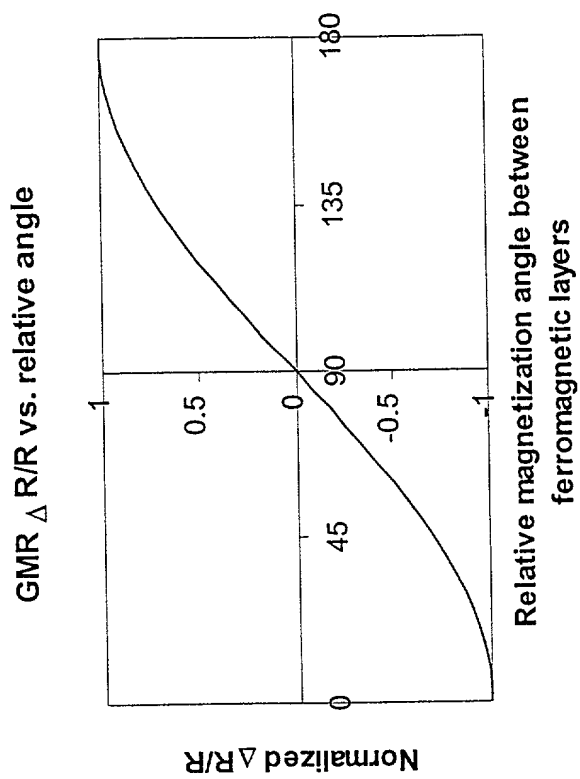


Figure 3

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capping layer	460
antiferromagnet layer	450
ferromagnet layer	440-5
ferromagnet layer	440-4
spacer	440-3
ferromagnet layer	440-2
ferromagnet layer	440-1
barrier layer	430
ferromagnet layer	420-5
ferromagnet layer	420-4
spacer	420-3
ferromagnet layer	420-2
ferromagnet layer	420-1
underlayer	

Fig 4

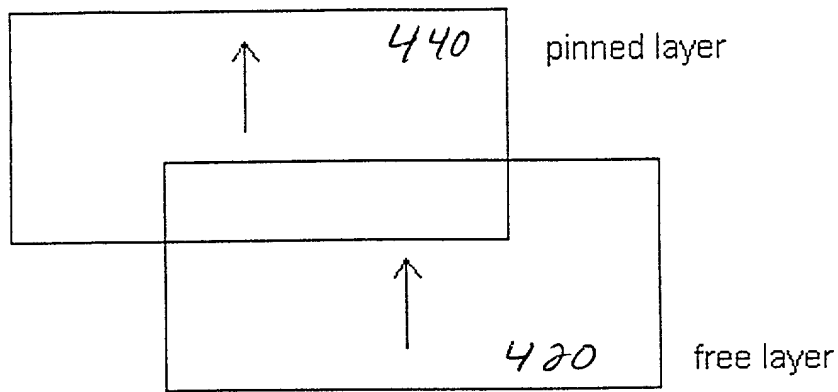


Fig.5A

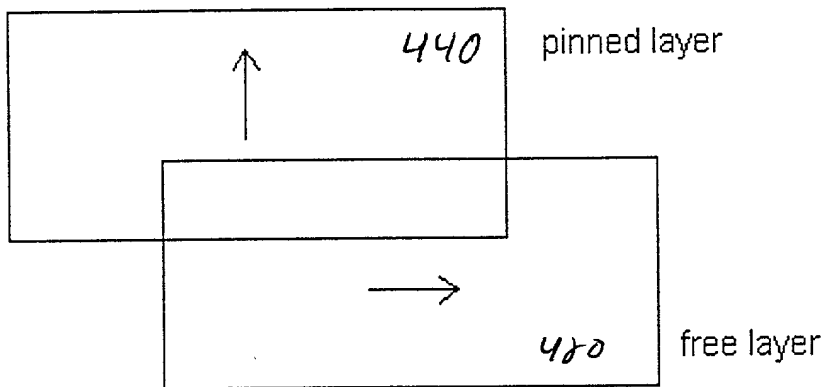


Fig.5B

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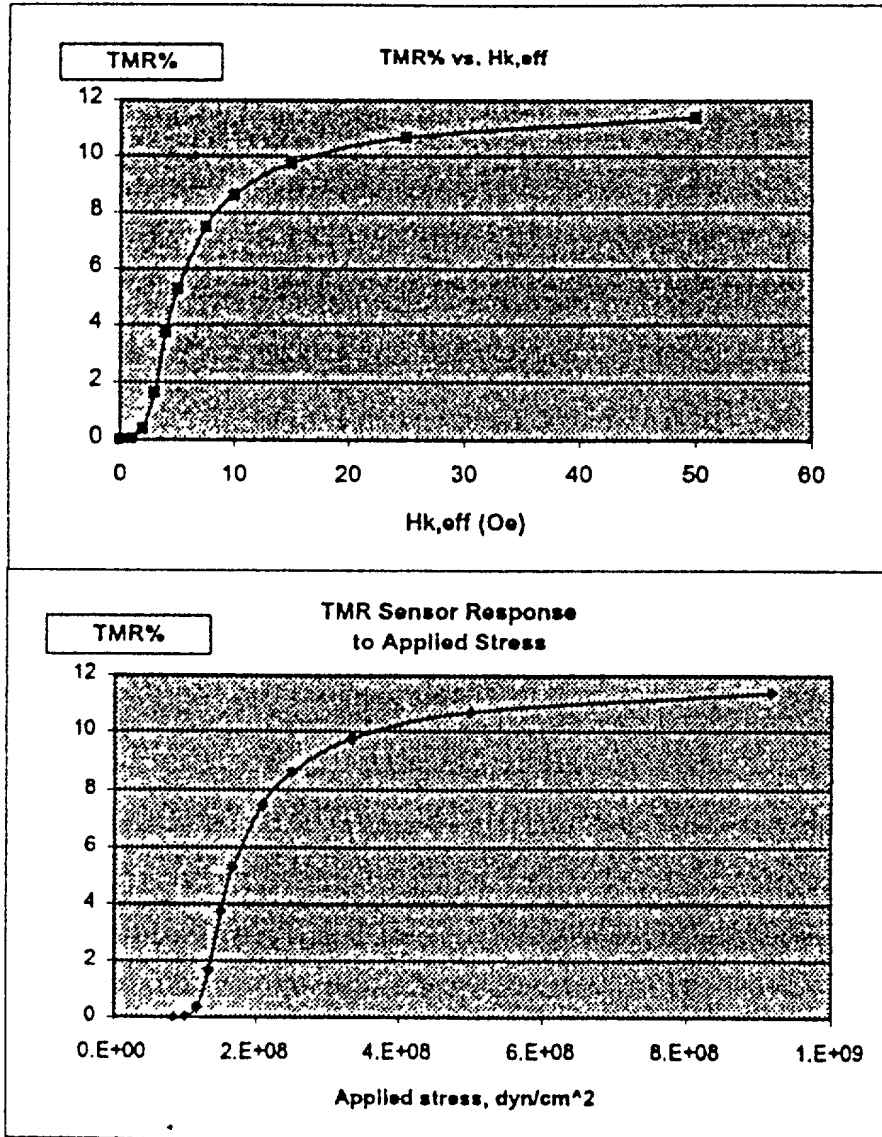


fig 6

fig 7

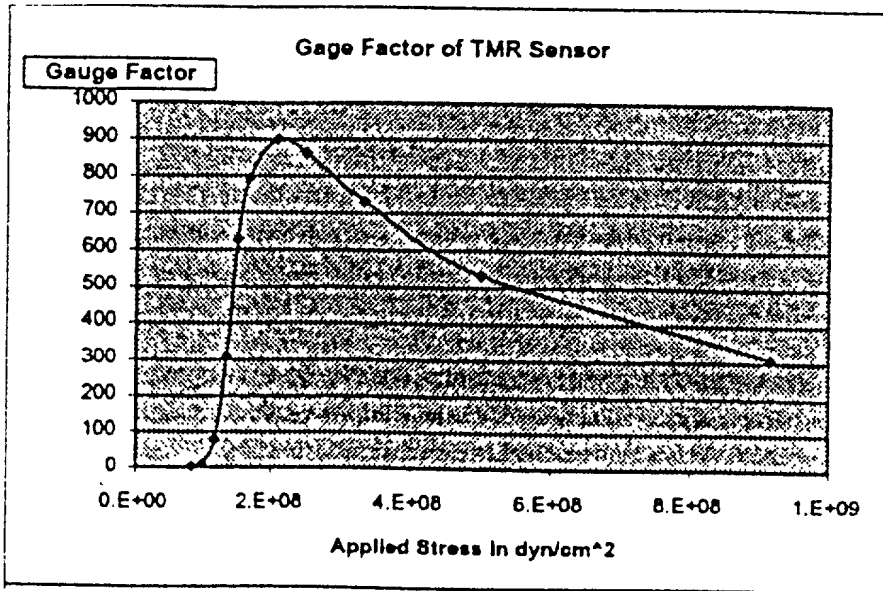


fig 8

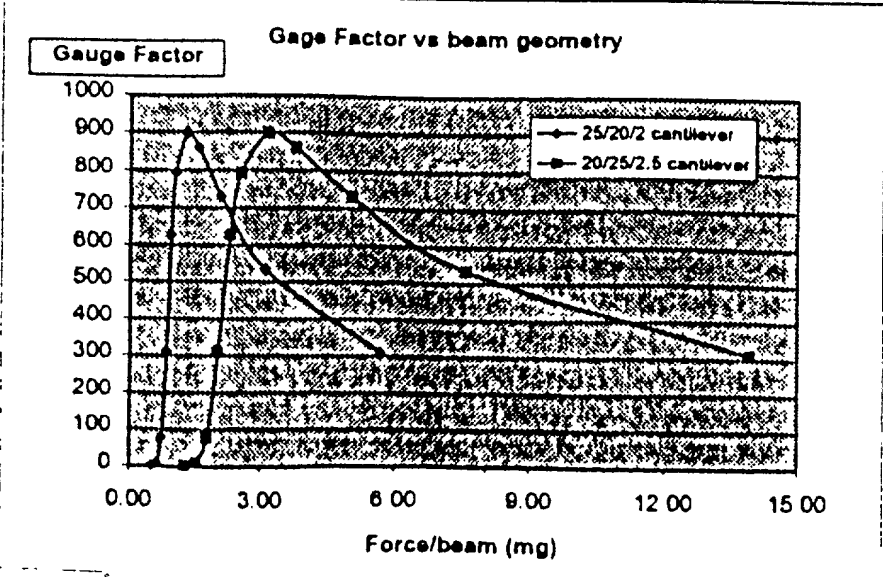


fig 9



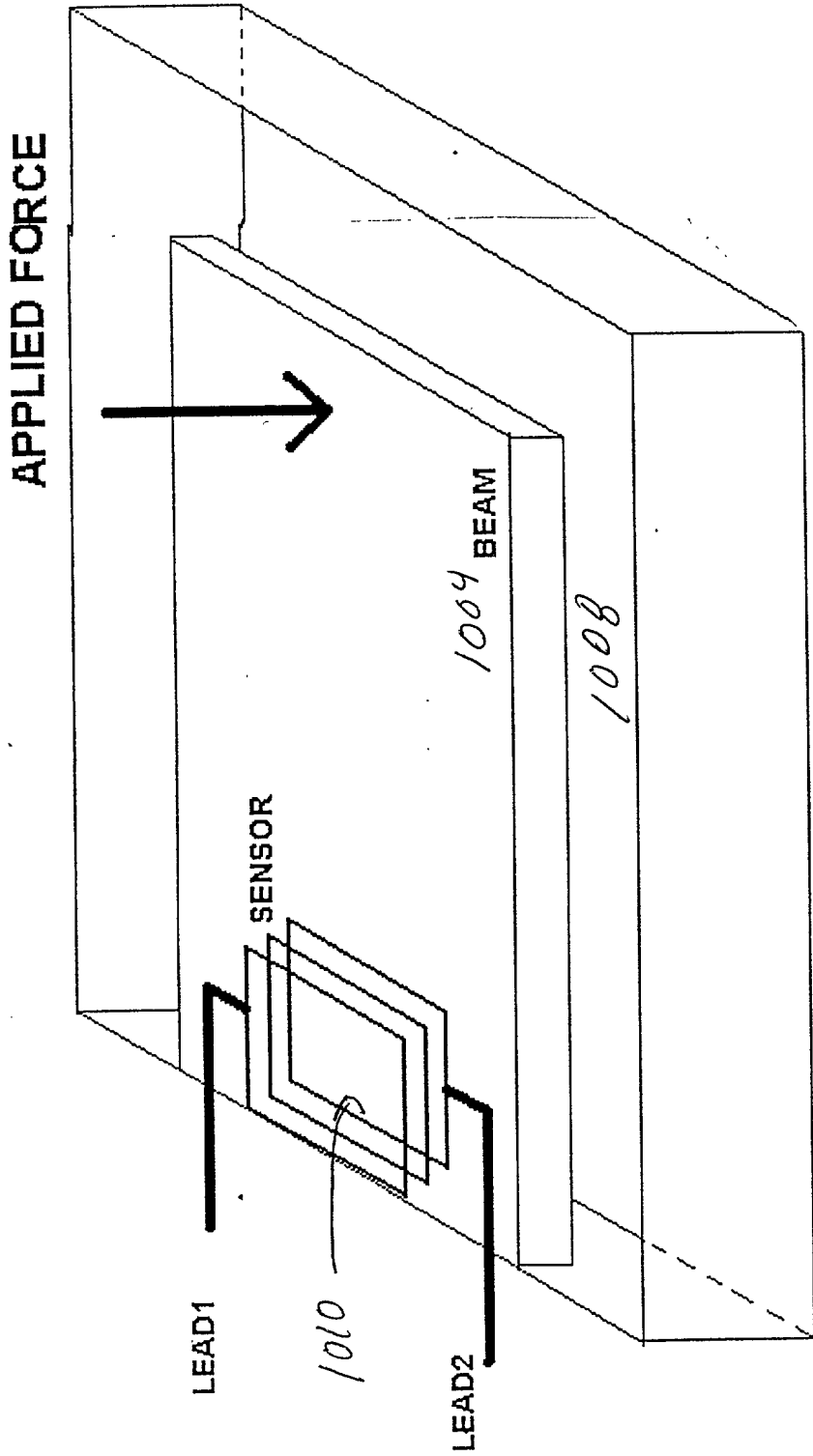


Fig 10

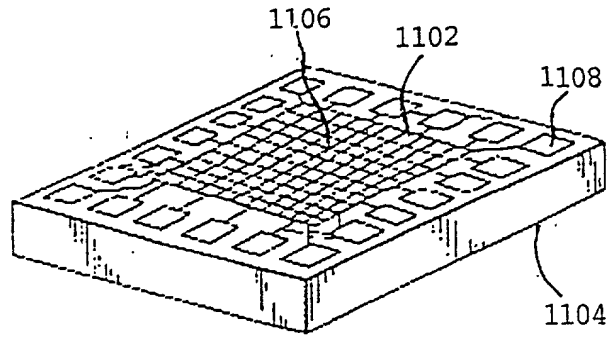


FIGURE 11

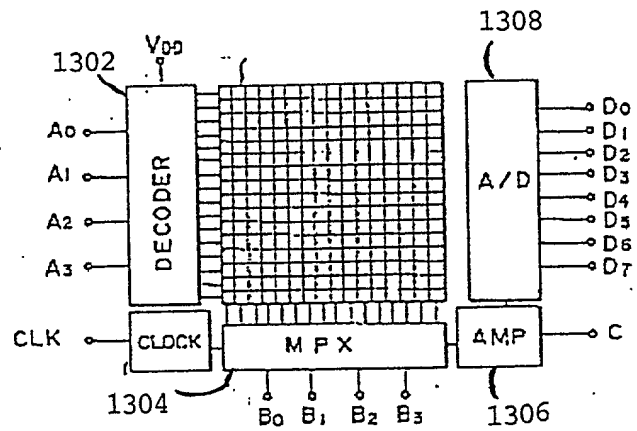


FIGURE 13

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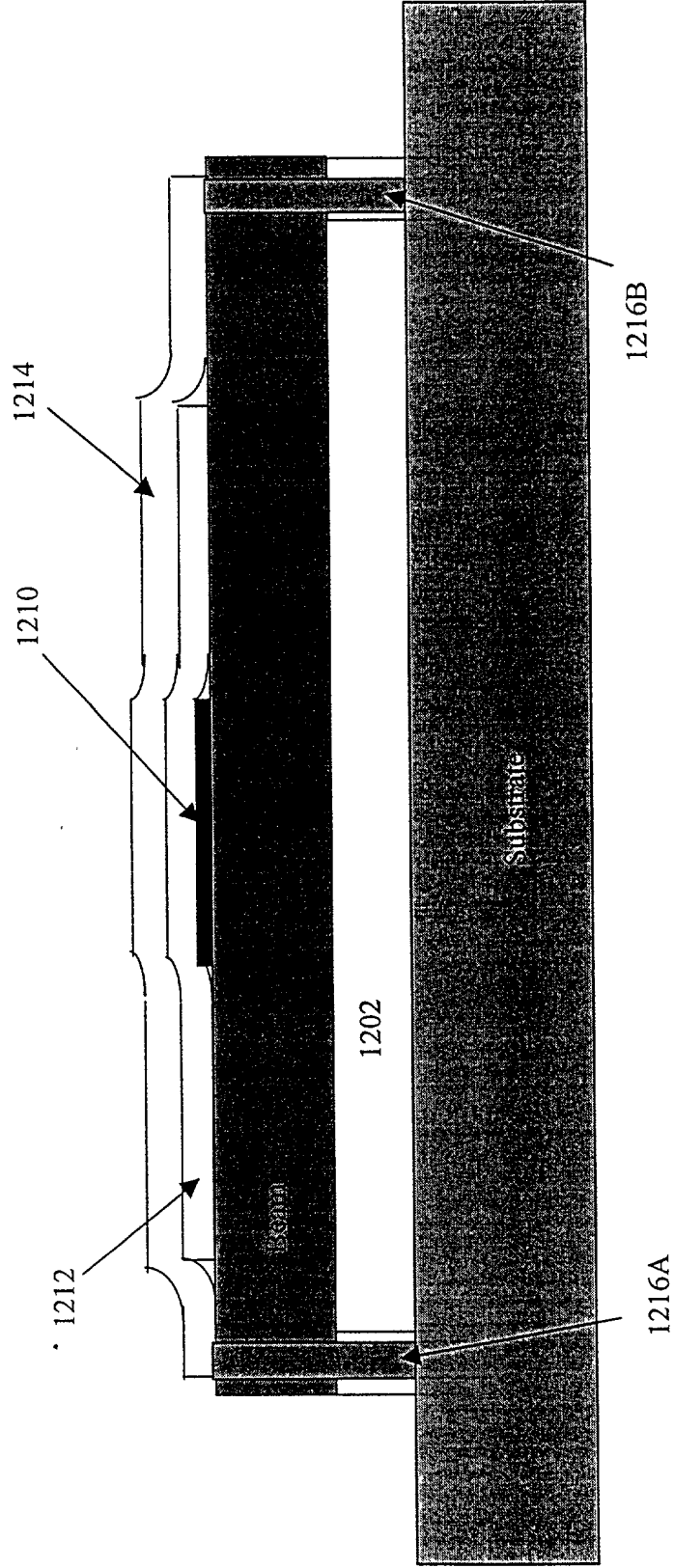


Figure 12

Fig. 14A

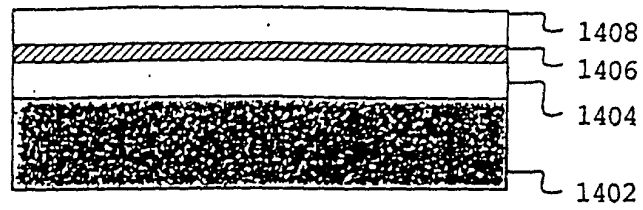


Fig. 14B

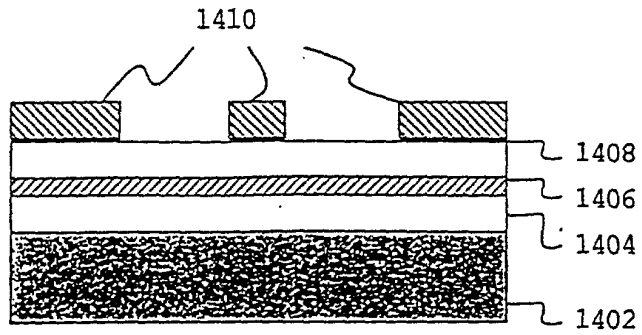


Fig. 14C

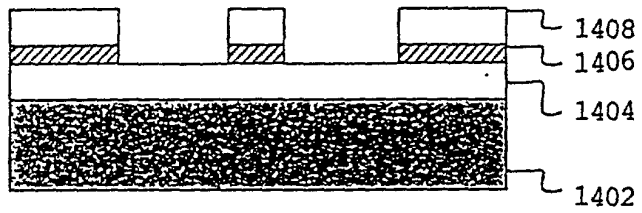


Fig. 14D

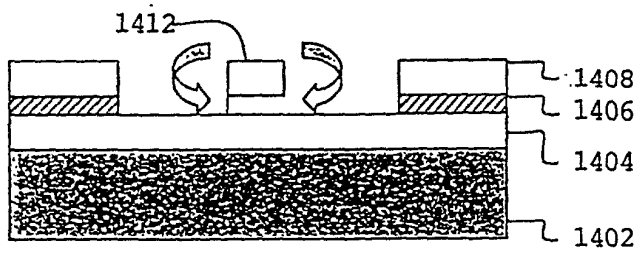


Fig. 14E

